

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L2	370	29/890.048.ccls.	USPAT; EPO; JPO	OR	ON	2005/03/17 09:47
L3	61	29/890.048.ccls. and roller	USPAT; EPO; JPO	OR	ON	2005/03/17 09:52
L4	33	492/44.ccls. and roller	USPAT; EPO; JPO	OR	ON	2005/03/17 09:54
L5	10	492/43.ccls. and roller	USPAT; EPO; JPO	OR	ON	2005/03/17 09:54
L6	10	"492"/\$.ccls. and (helix helical) near2 (double multiple)	USPAT; EPO; JPO	OR	ON	2005/03/17 09:56
L7	116	"29"/\$.ccls. and (helix helical) near2 (double multiple)	USPAT; EPO; JPO	OR	ON	2005/03/17 09:56
L8	27	"29"/\$.ccls. and (helix helical) near2 (double multiple) and roller	USPAT; EPO; JPO	OR	ON	2005/03/17 09:56
S1	13	"4211944".URPN.	USPAT	OR	ON	2004/09/03 14:59
S2	2	actuator and (coil coiling wind winding would) with heli\$3 and electrode with paste	USPAT; EPO; JPO	OR	ON	2004/09/03 15:04
S3	42	actuator and (coil coiling wind winding would) with heli\$3 and electrode and (piezo piezo\$1electric)	USPAT; EPO; JPO	OR	ON	2004/09/03 15:07
S4	250	actuator and (coil coiling wind winding would) with electrode and (piezo piezo\$1electric)	USPAT; EPO; JPO	OR	ON	2004/09/03 15:23
S5	649	"336"/\$.ccls. and (coil coiling wind winding would) with electrode	USPAT; EPO; JPO	OR	ON	2004/09/03 15:24
S6	190	"336"/\$.ccls. and (coil coiling wind winding would) with electrode and (stack stacking cylindrical)	USPAT; EPO; JPO	OR	ON	2004/09/03 15:32
S7	412	"29"/\$.ccls. and (coil coiling wind winding would) with electrode and (stack stacking cylindrical)	USPAT; EPO; JPO	OR	ON	2004/09/03 15:32
S8	52	"29"/\$.ccls. and (coil coiling) with (wind winding wound) with electrode and (stack stacking cylindrical)	USPAT; EPO; JPO	OR	ON	2004/09/03 15:35
S9	57	"336"/\$.ccls. and (coil coiling) with (wind winding wound) with electrode and (stack stacking cylindrical)	USPAT; EPO; JPO	OR	ON	2004/09/03 15:36
S10	26	"310"/\$.ccls. and (coil coiling) with (wind winding wound) with electrode and (stack stacking cylindrical)	USPAT; EPO; JPO	OR	ON	2004/09/03 15:37

S11	46	actuator and (coil coiling) with (wind winding wound) with electrode and (stack stacking cylindrical)	USPAT; EPO; JPO	OR	ON	2004/09/03 15:38
S12	5	ulrich.in. and piezo\$4.ti.	US-PGPUB; USPAT; EPO; JPO	OR	ON	2004/09/02 18:16
S13	0	"113440".URPN.	USPAT	OR	ON	2004/09/02 18:17
S14	284	piezo\$1electric with (winding would wind) and electrode	USPAT; EPO; JPO	OR	ON	2004/09/02 18:18
S15	15	piezo\$1electric with (winding would wind) and electrode with paste	USPAT; EPO; JPO	OR	ON	2004/09/02 18:18
S16	3	("3781955" "4330730" "5559387").PN.	USPAT	OR	ON	2004/09/02 18:21
S17	7	("3781955" "4304126" "4330730" "4469978" "5344387" "5410210" "5438553").PN.	USPAT	OR	ON	2004/09/02 18:21
S18	11	"5559387".URPN.	USPAT	OR	ON	2004/09/02 18:22
S19	1	"3943614".PN.	USPAT	OR	ON	2004/09/02 18:24
S20	4	("3316620" "3449094" "3571679" "3696505").PN.	USPAT	OR	ON	2004/09/02 18:24
S21	16	"3943614".URPN.	USPAT	OR	ON	2004/09/02 18:24
S22	25	"4330730".URPN.	USPAT	OR	ON	2004/09/02 18:25
S23	13	("4429068" "4868447" "4954327" "5381149" "5394786" "5485053" "5526601" "5550338" "5613188" "5655538" "5656195" "5748758" "5786059").PN.	USPAT	OR	ON	2004/09/02 18:27
S24	571	double with heli\$3 with (winding wound wind)	USPAT; EPO; JPO	OR	ON	2004/09/03 10:59
S25	31	double with heli\$3 with (winding wound wind) and stack	USPAT; EPO; JPO	OR	ON	2004/09/03 11:05
S26	92	double with heli\$3 with (winding wound wind) and electrode	USPAT; EPO; JPO	OR	ON	2004/09/03 11:09
S27	31	"310"/\$.ccls. and heli\$3 with (winding wound wind) and electrode	USPAT; EPO; JPO	OR	ON	2004/09/03 11:10
S28	99	(piezo\$electric piezo) and heli\$3 with (winding wound wind) and electrode	USPAT; EPO; JPO	OR	ON	2004/09/03 11:14
S29	297	(inductor transformer) and heli\$3 with (winding wound wind) and electrode	USPAT; EPO; JPO	OR	ON	2004/09/03 11:15
S30	6	("2521513" "2962679" "3188505" "3215910" "4116728" "4127891").PN.	USPAT	OR	ON	2004/09/03 11:27

S31	9	"3188505".URPN.	USPAT	OR	ON	2004/09/03 11:27
S32	3	"4127891".URPN.	USPAT	OR	ON	2004/09/03 11:45
S33	2	double near3 helix with piezo\$1electric	USPAT; EPO; JPO	OR	ON	2004/11/10 10:53
S34	22	(helix spiral coil) with piezo\$1electric near3 (sheet strand layer) and actuator	USPAT; EPO; JPO	OR	ON	2004/11/10 10:56
S35	13	("4429068" "4868447" "4954327" "5381149" "5394786" "5485053" "5526601" "5550338" "5613188" "5655538" "5656195" "5748758" "5786059").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2004/11/10 11:03
S36	8	29/25.35.ccls. and (helical\$2 helix spiral) with piezo\$1electric	USPAT; EPO; JPO	OR	ON	2004/11/10 12:34
S37	1	29/25.41.ccls. and (helical\$2 helix spiral) with piezo\$1electric	USPAT; EPO; JPO	OR	ON	2004/11/10 12:34
S38	0	29/25.42.ccls. and (helical\$2 helix spiral) with piezo\$1electric	USPAT; EPO; JPO	OR	ON	2004/11/10 12:34
S39	0	29/605.ccls. and (helical\$2 helix spiral) with piezo\$1electric	USPAT; EPO; JPO	OR	ON	2004/11/10 12:34
S40	0	29/605.ccls. and (helical\$2 helix spiral winding) with piezo\$1electric	USPAT; EPO; JPO	OR	ON	2005/03/04 18:50
S41	240	"310"/\$.ccls. and (helical\$2 helix spiral winding) with piezo\$1electric	USPAT; EPO; JPO	OR	ON	2004/11/10 12:35
S42	233	310/3\$.ccls. and (helical\$2 helix spiral winding) with piezo\$1electric	USPAT; EPO; JPO	OR	ON	2004/11/10 12:36
S43	47	310/3\$.ccls. and (helical\$2 helix spiral winding) with piezo\$1electric and stack\$3	USPAT; EPO; JPO	OR	ON	2004/11/10 13:10
S44	26	actuator and (helical\$2 helix spiral winding) with piezo\$1electric and stack\$3	USPAT; EPO; JPO	OR	ON	2004/11/10 14:04
S45	1340	actuator same piezo\$1electric with (wind\$3 coil\$3 stack\$3)	USPAT; EPO; JPO	OR	ON	2004/11/10 14:05
S46	898	actuator same piezo\$1electric with (winding coiling stack\$3)	USPAT; EPO; JPO	OR	ON	2004/11/10 14:05
S47	751	actuator with piezo\$1electric with (winding coiling stack\$3)	USPAT; EPO; JPO	OR	ON	2004/11/10 14:06
S48	241	"310"/\$.ccls. and actuator with piezo\$1electric with (winding coiling stack\$3)	USPAT; EPO; JPO	OR	ON	2004/11/10 14:07
S49	9	"310"/\$.ccls. and actuator with piezo\$1electric with (winding coiling)	USPAT; EPO; JPO	OR	ON	2004/11/10 14:08

S50	61	"310"/\$.ccls. and actuator with piezo\$1electric with (wind\$3 coil\$3 wound)	USPAT; EPO; JPO	OR	ON	2004/11/10 14:20
S51	15	("3225226" "3315103" "3781955" "4028566" "4387318" "4435667" "4469978" "4610475" "4810913" "4944222" "5170089" "5173605" "5341062").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2004/11/10 14:14
S52	17	("5440194").URPN.	USPAT	OR	ON	2004/11/10 14:14
S53	7	("3781955" "4304126" "4330730" "4469978" "5344387" "5410210" "5438553").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2004/11/10 14:16
S54	3	("3781955" "4330730" "5559387").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2004/11/10 14:19
S55	3	S45/\$.ccls. and actuator with piezo\$1electric with (wind\$3 coil\$3 wound)	USPAT; EPO; JPO	OR	ON	2004/11/10 14:38
S56	2	"05110156"	USPAT; EPO; JPO	OR	ON	2004/11/10 14:40
S57	2	"05055659"	USPAT; EPO; JPO	OR	ON	2004/11/10 14:41
S58	39	(helical\$2 spiral\$2 helix) with piezo\$1electric same actuator	USPAT; EPO; JPO	OR	ON	2004/11/10 15:46
S59	340	cylindrical\$2 with piezo\$1electric same actuator.	USPAT; EPO; JPO	OR	ON	2004/11/10 15:19
S61	5	S45/\$.ccls. and cylindrical\$2 with piezo\$1electric same actuator	USPAT; EPO; JPO	OR	ON	2004/11/10 15:24
S62	12	(helical\$2 spiral\$2 helix cylindrical\$2) with piezo\$1electric same actuator and trapezoid\$2	USPAT; EPO; JPO	OR	ON	2004/11/10 15:47
S63	0	29/33m.ccls. and (helical\$2 helix spiral winding) with piezo\$1electric	USPAT; EPO; JPO	OR	ON	2005/03/04 18:51
S64	0	29/33f.ccls. and (helical\$2 helix spiral winding) and piezo\$1electric with electrode	USPAT; EPO; JPO	OR	ON	2005/03/04 18:51
S65	592	29/33 f.ccls. and (helical\$2 helix spiral winding) and piezo\$1electric with electrode	USPAT; EPO; JPO	OR	ON	2005/03/04 18:52
S66	0	29/33s.ccls. and (helical\$2 helix spiral winding) and piezo\$1electric with electrode	USPAT; EPO; JPO	OR	ON	2005/03/04 18:53
S67	0	29/435.ccls. and (helical\$2 helix spiral winding) and piezo\$1electric with electrode	USPAT; EPO; JPO	OR	ON	2005/03/04 18:53
S68	1291	(helical\$2 helix spiral winding) and piezo\$1electric with electrode	USPAT; EPO; JPO	OR	ON	2005/03/04 18:58

S69	41	29/435.ccls.	USPAT; EPO; JPO	OR	ON	2005/03/04 18:57
S70	343	29/456.ccls.	USPAT; EPO; JPO	OR	ON	2005/03/17 09:46
S71	0	29/456.ccls. and S68	USPAT; EPO; JPO	OR	ON	2005/03/04 18:58
S72	0	29/458.ccls. and S68	USPAT; EPO; JPO	OR	ON	2005/03/04 18:58
S73	0	29/461.ccls. and S68	USPAT; EPO; JPO	OR	ON	2005/03/04 18:58
S74	2981	(helical\$2 helix spiral winding) and piezo\$1electric and electrode	USPAT; EPO; JPO	OR	ON	2005/03/04 18:58
S75	0	29/456.ccls. and S74	USPAT; EPO; JPO	OR	ON	2005/03/04 18:58
S76	1	29/458.ccls. and S74	USPAT; EPO; JPO	OR	ON	2005/03/04 18:59
S77	58	"29"/\$.ccls. and S74	USPAT; EPO; JPO	OR	ON	2005/03/04 18:59
S78	16	("3943614").URPN.	USPAT	OR	ON	2005/03/04 19:01